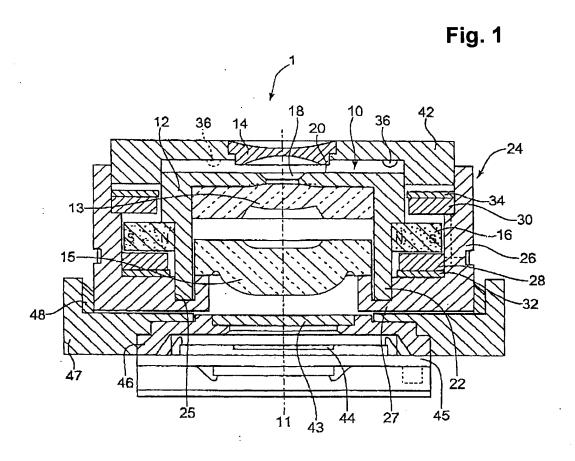
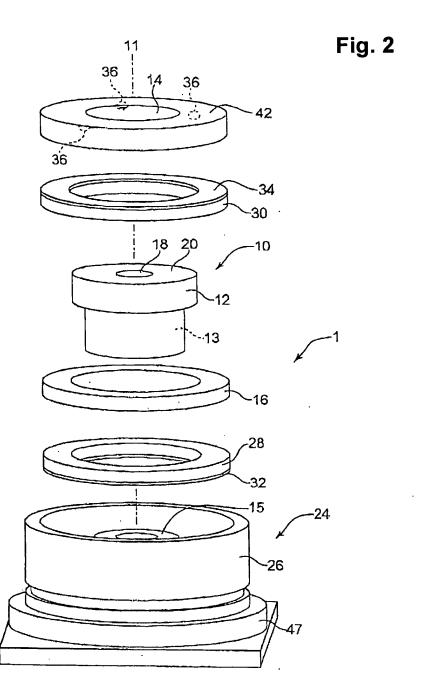
Hogan & Hartson 81868.0106 Sadayoshi YASUDA et al. Camera and Portable Equipment... EV 324 110 777 US 13 Drawing Sheets; Sheet 1 of 13

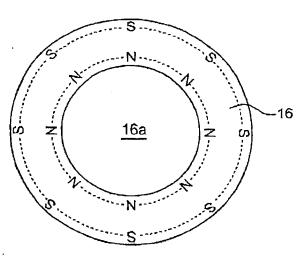


Hogan & Hartson 81868.0106 Sadayoshi YASUDA et al. Camera and Portable Equipment... EV 324 110 777 US 13 Drawing Sheets; Sheet 2 of 13



Hogan & Hartson 81868.0106 Sadayoshi YASUDA et al. Camera and Portable Equipment... EV 324 110 777 US 13 Drawing Sheets; Sheet 3 of 13

Fig. 3



*Telephoto

*Wide Angle

*Wide Angle

13

*Wide Angle

Fig. 4 (b)

15

1st Group 2nd Group

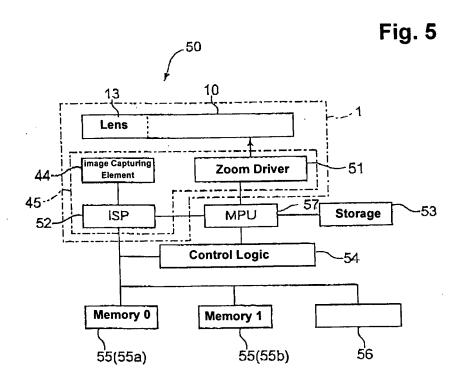
Fig. 4 (b)

Fixed

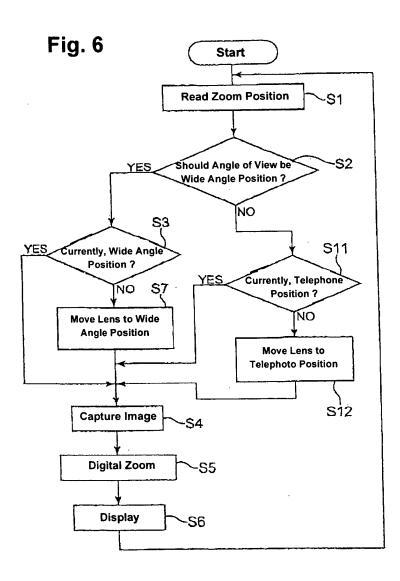
Moveable

Fixed

Hogan & Hartson 81868.0106 Sadayoshi YASUDA et al. Camera and Portable Equipment... EV 324 110 777 US 13 Drawing Sheets; Sheet 4 of 13

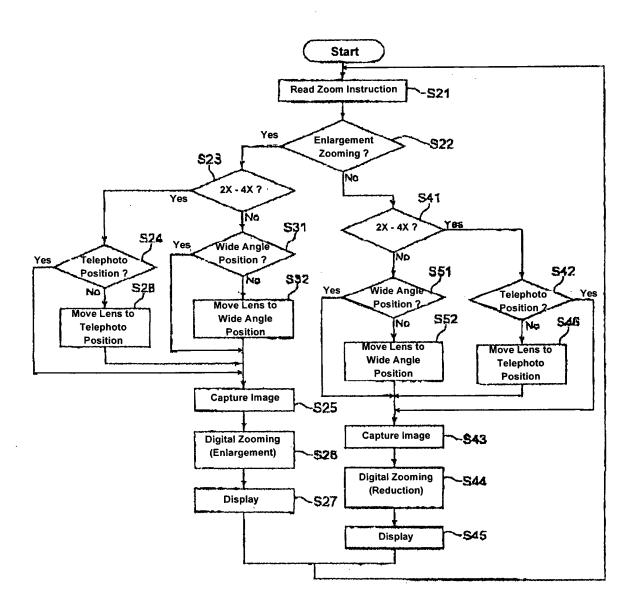


Hogan & Hartson 81868.0106 Sadayoshi YASUDA et al. Camera and Portable Equipment... EV 324 110 777 US 13 Drawing Sheets; Sheet 5 of 13



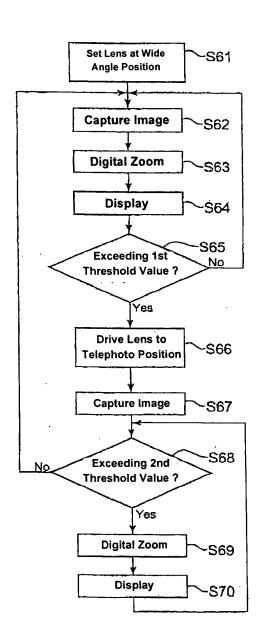
Hogan & Hartson 81868.0106 Sadayoshi YASUDA et al. Camera and Portable Equipment... EV 324 110 777 US 13 Drawing Sheets; Sheet 6 of 13

Fig. 7

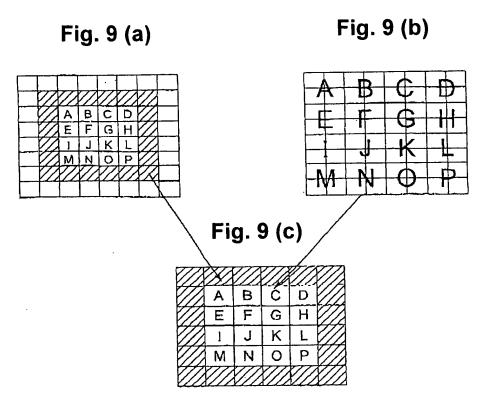


Hogan & Hartson 81868.0106 Sadayoshi YASUDA et al. Camera and Portable Equipment... EV 324 110 777 US 13 Drawing Sheets; Sheet 7 of 13

Fig. 8

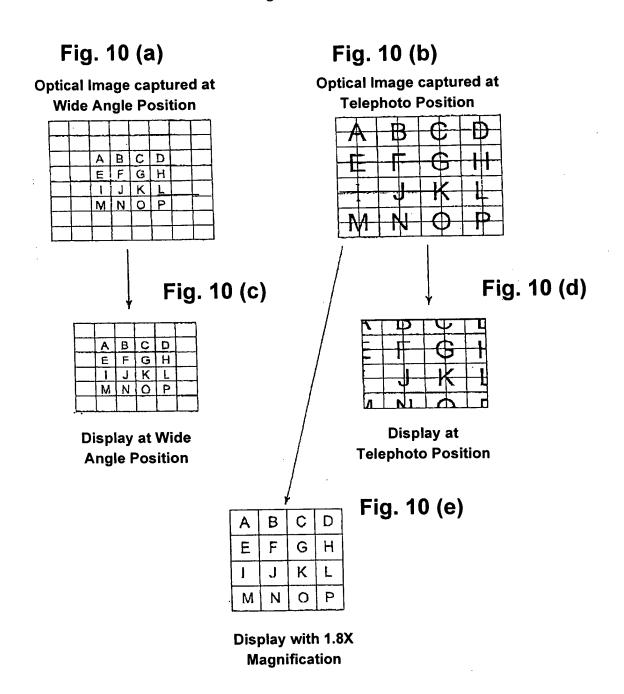


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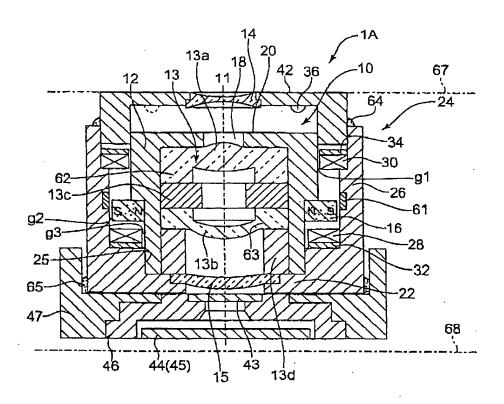
Composite Electronic Image (1.8X Image)

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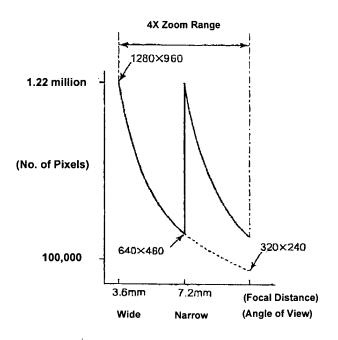
Hogan & Hartson 81868.0106 Sadayoshi YASUDA et al. Camera and Portable Equipment... EV 324 110 777 US 13 Drawing Sheets; Sheet 10 of 13

Fig. 11

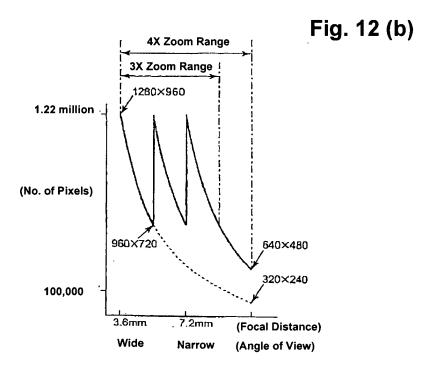


Hogan & Hartson 81868.0106 Sadayoshi YASUDA et al. Camera and Portable Equipment... EV 324 110 777 US 13 Drawing Sheets; Sheet 11 of 13

Fig. 12 (a)



In the case of 2-stage Zooming



In the case of 3-stage Zooming

Hogan & Hartson 81868.0106 Sadayoshi YASUDA et al. Camera and Portable Equipment... EV 324 110 777 US 13 Drawing Sheets; Sheet 12 of 13

Fig. 13 (a)

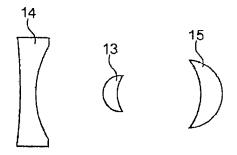
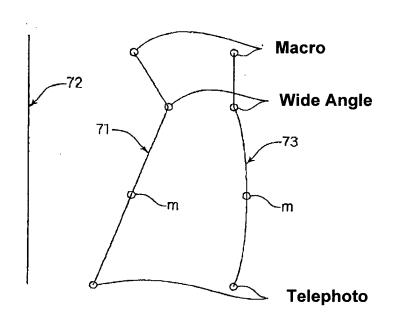


Fig. 13 (b)



Hogan & Hartson 81868.0106 Sadayoshi YASUDA et al. Camera and Portable Equipment... EV 324 110 777 US 13 Drawing Sheets; Sheet 13 of 13

